

Abstract

5 A communications network, in particular for telephony,
 comprises at least one operator (2), a plurality of remote units
 (3, 4) for exchanging signals with mobile terminals (5) and an
 interface unit (6) for controlling the data traffic between the
 operator (2) and the remote units (3, 4). The interface unit (6)
 10 is connected to the remote units (3, 4) by a first transmission
 support (9), in which the main signal (44) propagates. The main
 signal (44) is divided into a plurality of secondary signals (45),
 each identified by a preset parameter value. Each remote unit (3,
 4) is designed to process at least one secondary signal (45a)
 15 selected from amongst the secondary signals (45) into which the
 main signal (44) is divided. The secondary signal (45a) is
 identified by the remote unit (3, 4) according to the above-
 mentioned preset parameter value.